

PTC074G Package Terminal Air Conditioner

PTC074G00CHXXBA
PTC074G00HRXXBA
PTC074G00HXXXBA
PTC074G25AXXXBA
PTC074G25CXXXBA
PTC074G25DXXXBA
PTC074G25RXXXBA
PTC074G35AXXXBA
PTC074G35CXXXBA
PTC074G35QRXXBA
PTC074G35QXXXBA
PTC074G35RXXXBA
PTC074G35VXXXBA



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This manual is to be used by qualified technicians only.

This manual replaces RP-897C.

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Important Information

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Views shown are for parts illustrations only, not servicing procedures

Text Codes:

AR - As Required

NA - Not Available

NS - Not Shown

00000000 - See Note

QTY - Quantity Example (QTY 3) (If Quantity not shown, Quantity = 1)

M - Model Example (M1) (If M Code not shown, then part is used on all Models)

Expanded Model Nomenclature:

Example M1 - Model#1 M2 - Model#2 M3 - Model#3

Goodman Company, L.P. is not responsible for personal injury or property damage resulting from improper service. Review all service information before beginning repairs.

Warranty service must be performed by an authorized technician, using authorized factory parts. If service is required after the warranty expires, Goodman Company, L.P. also recommends contacting an authorized technician and using authorized factory parts.

Goodman Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

For assistance within the U.S.A. contact:

Homeowner Support
Goodman Company, L.P.
19001 Kermier Road
Waller, Texas 77484
877-254-4729-Telephone
713-863-2382-Facsimile

For assistance outside the U.S.A. contact:

International Division
Goodman Company, L.P.
19001 Kermier Road
Waller, Texas 77484
713-861-2500-Telephone
713-863-2382-Facsimile

Functional Parts

Part

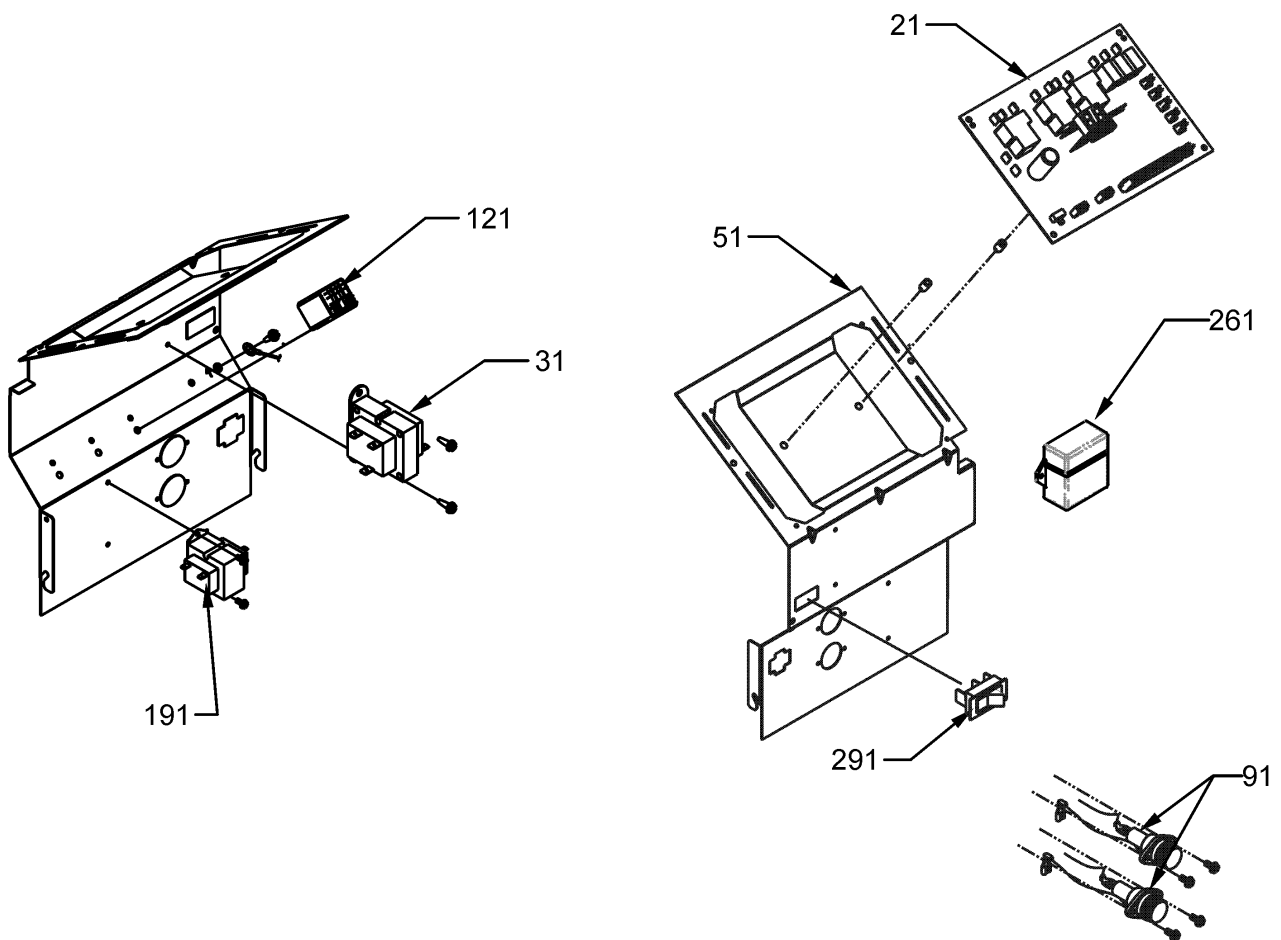
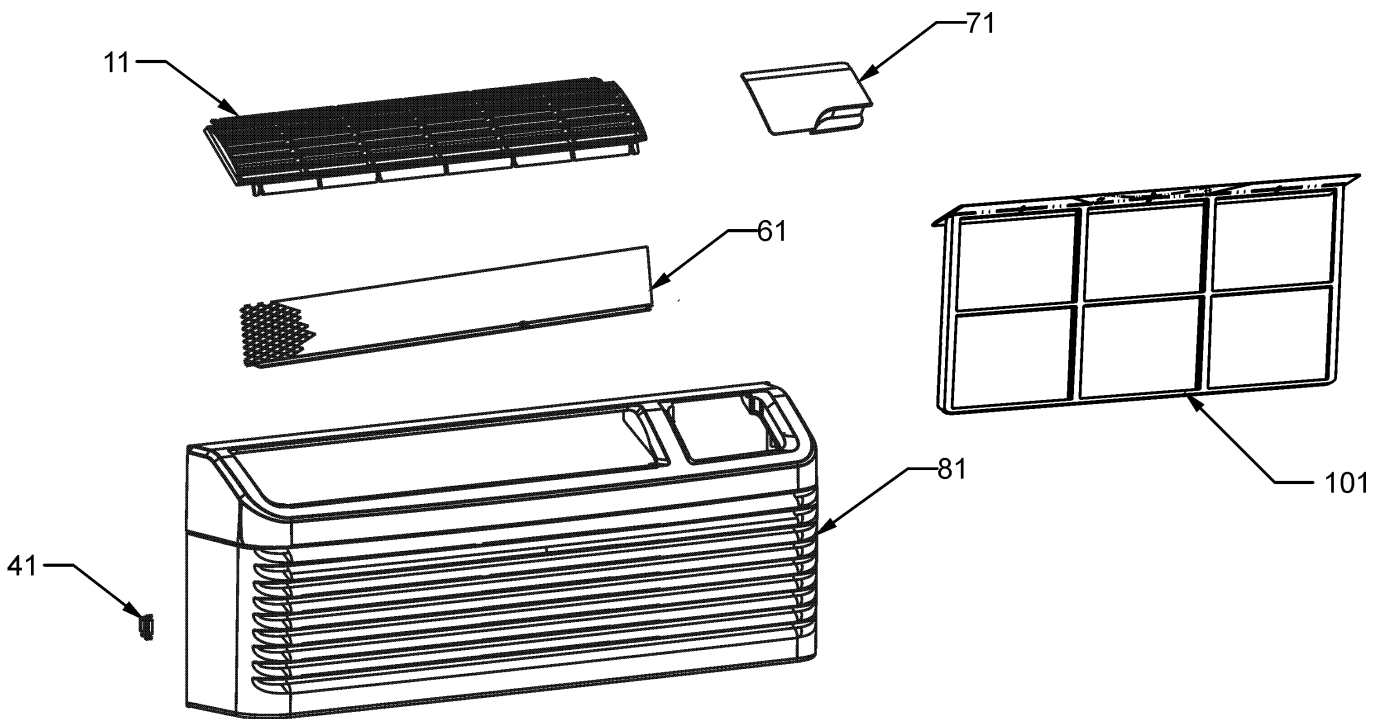
No: Description:

CAP020150450CS	CAP, 2/15 MFD/450V/DUAL RD
CAP010000500RP	CAPACITOR
39A167AD&9DKZ	COMPRESSOR, RECHI
RSKP0012	CONTROL BOARD M70
RSKP0015	CONTROL PANEL COVER AND MEMBRANE
0130P00128	CORD, 277V, 20A
0131P00056	FAN MOTOR, INDOOR
0131P00034	FAN MOTOR, OUTDOOR
0161P00055	FAN, CONDENSER
A3410402	FUSE 15A (M1, M2, M3, M4, M5, M6, M7)
A3410403	FUSE 20A (M8, M9, M10, M11, M12, M13)
0275P00040	HEATER ASSY (M8, M9, M10, M11, M12, M13)
0275P00023	HEATER ASSY (M4, M5, M6, M7)
0130P00137	MOTOR (M6, M13)
60343547	OVERLOAD PROTECTOR
PCBCP147	PCB, CONTROL, D70 (M6, M13)
0130M00182	SPDT RELAY (M1, M2, M3)
0130M00169	SWITCH, HIGH PRESS
802007090	TERMINAL BOARD
0130P00077	THERMISTOR (M2, M7, M10, M12)
0130P00094	THERMISTOR (M2, M7, M10, M12)
0130P00141	THERMISTOR
0130P00134	THERMISTOR - DISCHARGE
0130P00084	THERMISTOR - INDOOR COIL
0130P00098	THERMISTOR - OUTDOOR AMBIENT (M2, M6, M7, M10, M12, M13)
0130M00342	TRANSFORMER 20VA 265V (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
0130M00601	TRANSFORMER, 40VA, 277V TO 24V (M1, M2, M3, M6, M13)

Expanded Model Nomenclature

M1 - PTC074G00CHXXBA
M2 - PTC074G00HRXXBA
M3 - PTC074G00HXXXBA
M4 - PTC074G25AXXXBA
M5 - PTC074G25CXXXBA
M6 - PTC074G25DXXXBA
M7 - PTC074G25RXXXBA
M8 - PTC074G35AXXXBA
M9 - PTC074G35CXXXBA
M10 - PTC074G35QRXXBA
M11 - PTC074G35QXXXBA
M12 - PTC074G35RXXXBA
M13 - PTC074G35VXXXBA

Control Panel / Front Assembly



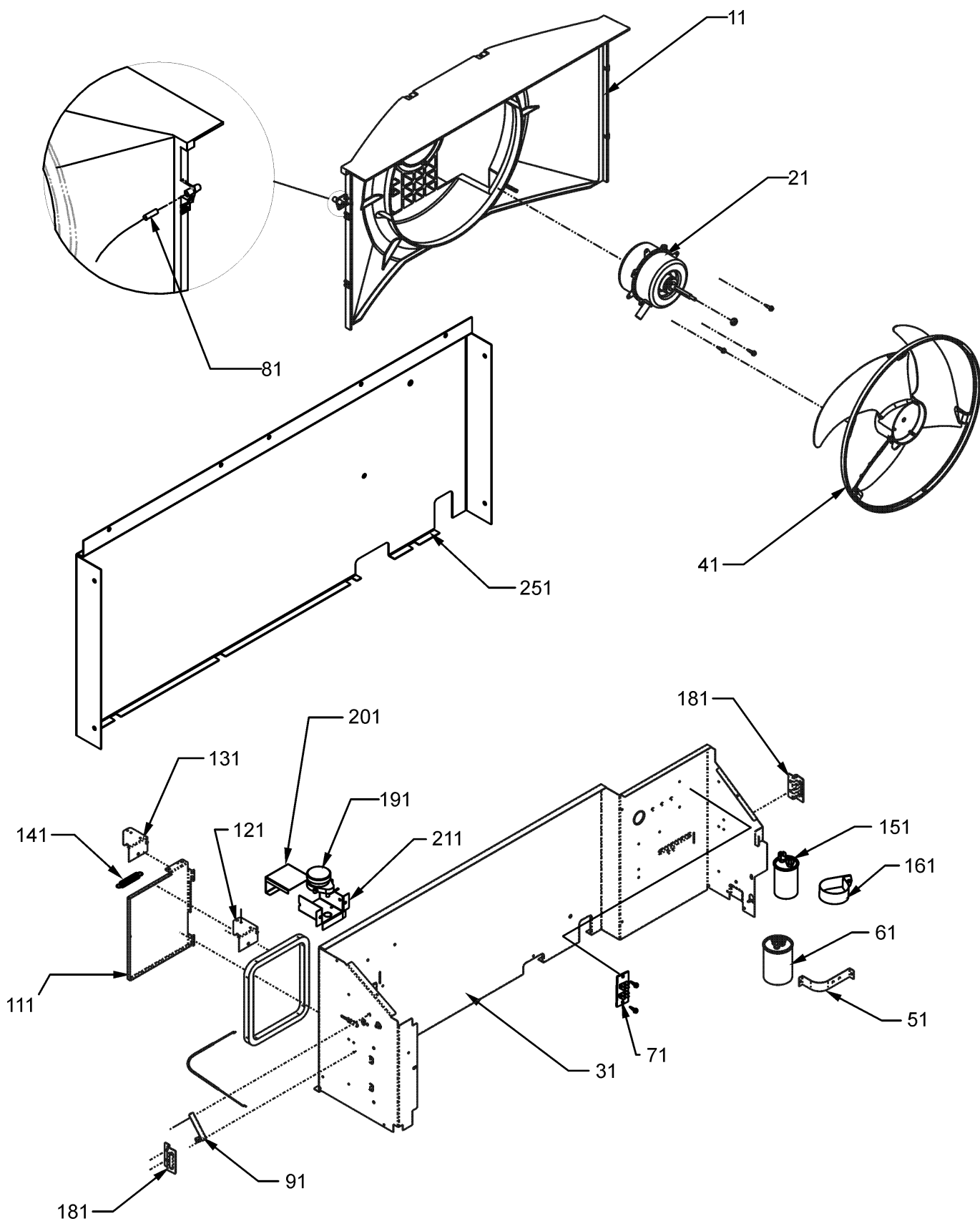
Control Panel / Front Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0161P00048		FRONT, LOUVERS DISCHARGE (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
21	RSKP0012		CONTROL BOARD M70
31	0130M00342		TRANSFORMER 20VA 265V (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
41	0163P00025		CLIP (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
51	0121P00130		PANEL, CONTROL
61	0121P00194BL		SCREEN, DISCHARGE, PAINTED (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
71	0261P00003		DOOR ASSY -AMANA- (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
81	0261P00011		FRONT ASSY (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
91	C6476001		BAYONET FUSE HOLDER (M1, M2, M3, M4, M5, M6, M7)
91	C6476002		BAYONET FUSE HOLDER (M8, M9, M10, M11, M12, M13)
101	0161P00035		FILTER, RACK (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
121	0130M00182		SPDT RELAY (M1, M2, M3)
191	0130M00601		TRANSFORMER, 40VA, 277V TO 24V (M1, M2, M3, M6, M13)
261	0130P00104		ANTENNA (M2, M7, M10, M12)
291	B1337701		PADDLE SWITCH (M6, M13)
NS	A3410402		FUSE 15A (M1, M2, M3, M4, M5, M6, M7)
NS	A3410403		FUSE 20A (M8, M9, M10, M11, M12, M13)
NS	PCBCP147		PCB, CONTROL, D70 (M6, M13)

Expanded Model Nomenclature

M1 - PTC074G00CHXXBA
M2 - PTC074G00HRXXBA
M3 - PTC074G00HXXBA
M4 - PTC074G25AXXXBA
M5 - PTC074G25CXXBA
M6 - PTC074G25DXXBA
M7 - PTC074G25RXXBA
M8 - PTC074G35AXXXBA
M9 - PTC074G35CXXBA
M10 - PTC074G35QRXXBA
M11 - PTC074G35QXXBA
M12 - PTC074G35RXXBA
M13 - PTC074G35VXXBA

Condenser Fan / Partition Assembly



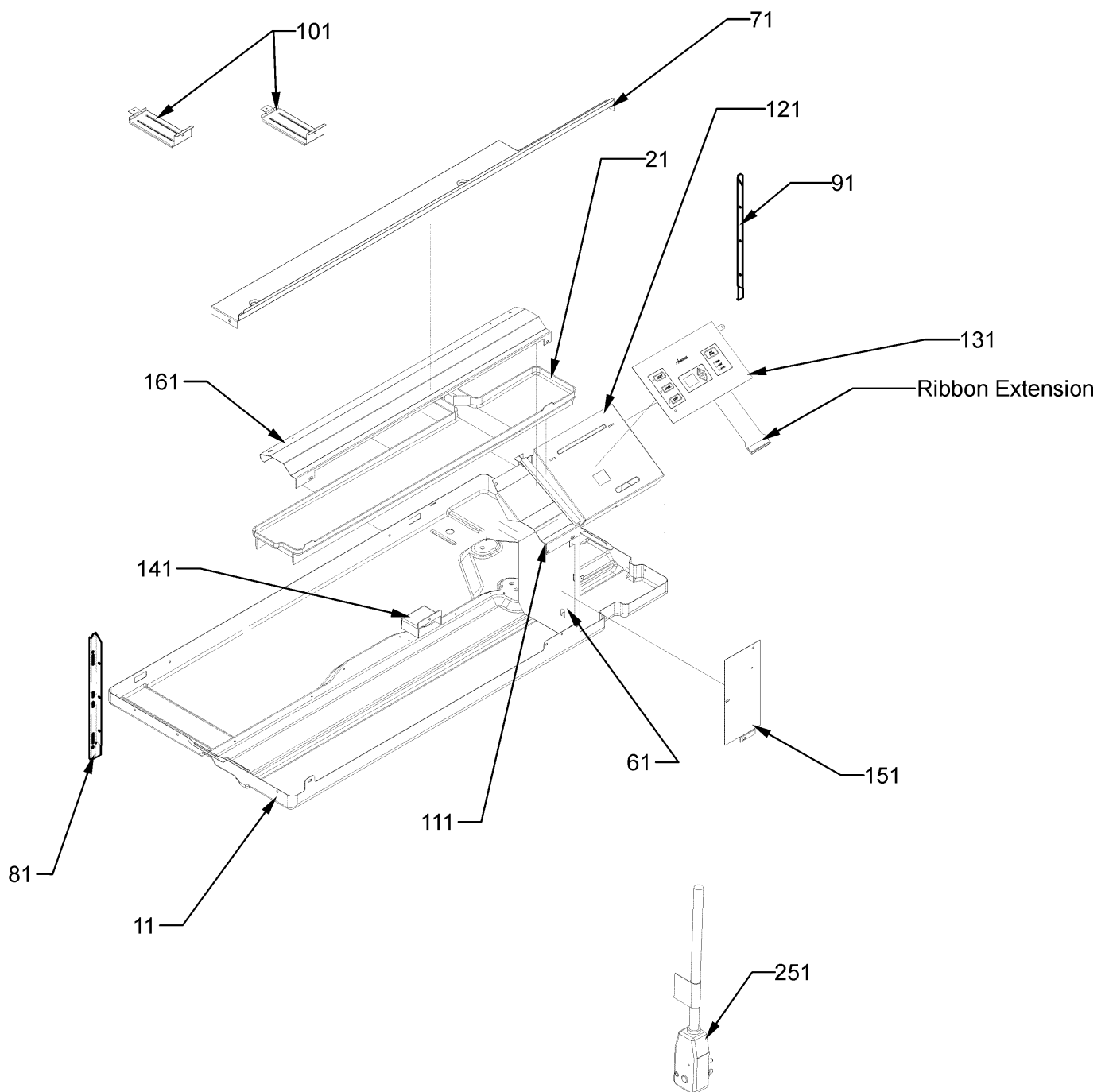
Condenser Fan / Partition Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0161P00053		SHROUD, CONDENSOR
21	0131P00034		FAN MOTOR, OUTDOOR
31	0121P00093		PANEL-PARTITION (M10, M11)
31	0121P00108NG		PANEL-PARTITION (M1, M2, M3, M4, M5, M6, M7, M8, M9, M12, M13)
41	0161P00055		FAN, CONDENSER
51	C6300502		CAPACITOR STRAP
61	CAP020150450C S		CAP, 2/15 MFD/450V/DUAL RD
71	802007090		TERMINAL BOARD
81	0130P00098		THERMISTOR - OUTDOOR AMBIENT (M2, M6, M7, M10, M12, M13)
91	11046302		LEVER ARM (M1, M2, M3, M4, M5, M7, M8, M9, M12)
111	0121P00177NG		DOOR - PNT VENT PTC (M1, M5, M9)
121	0121P00079		BRACKET, VENT DOOR (M6, M13)
131	0121P00072NG		BRACKET, VENT DOOR-C (M1, M5, M9)
141	11166401		EXTENSION SPRING (M6, M13)
151	CAP010000500R P		CAPACITOR
161	0163P00029		CAPACITOR CLAMP
181	11191703		PARTITION PANEL BRACKET (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
191	0130P00137		MOTOR (M6, M13)
201	11166201		POWER VENT COVER BRACKET (M6, M13)
211	11166101		POWER VENT MOTOR BRACKET (M6, M13)
251	0121P00091		PANEL-AUXILLIARY (M10, M11)
NS	0163P00019		CABLE (M1, M2, M3, M4, M5, M7, M8, M9, M12)

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M1 - PTC074G00CHXXBA
M2 - PTC074G00HRXXBA
M3 - PTC074G00HXXXBA
M4 - PTC074G25AXXXBA
M5 - PTC074G25CXXXBA
M6 - PTC074G25DXXXBA
M7 - PTC074G25RXXXBA
M8 - PTC074G35AXXXBA
M9 - PTC074G35CXXXBA
M10 - PTC074G35QRXXBA
M11 - PTC074G35QXXXBA
M12 - PTC074G35RXXXBA
M13 - PTC074G35VXXXBA

Partition Assembly



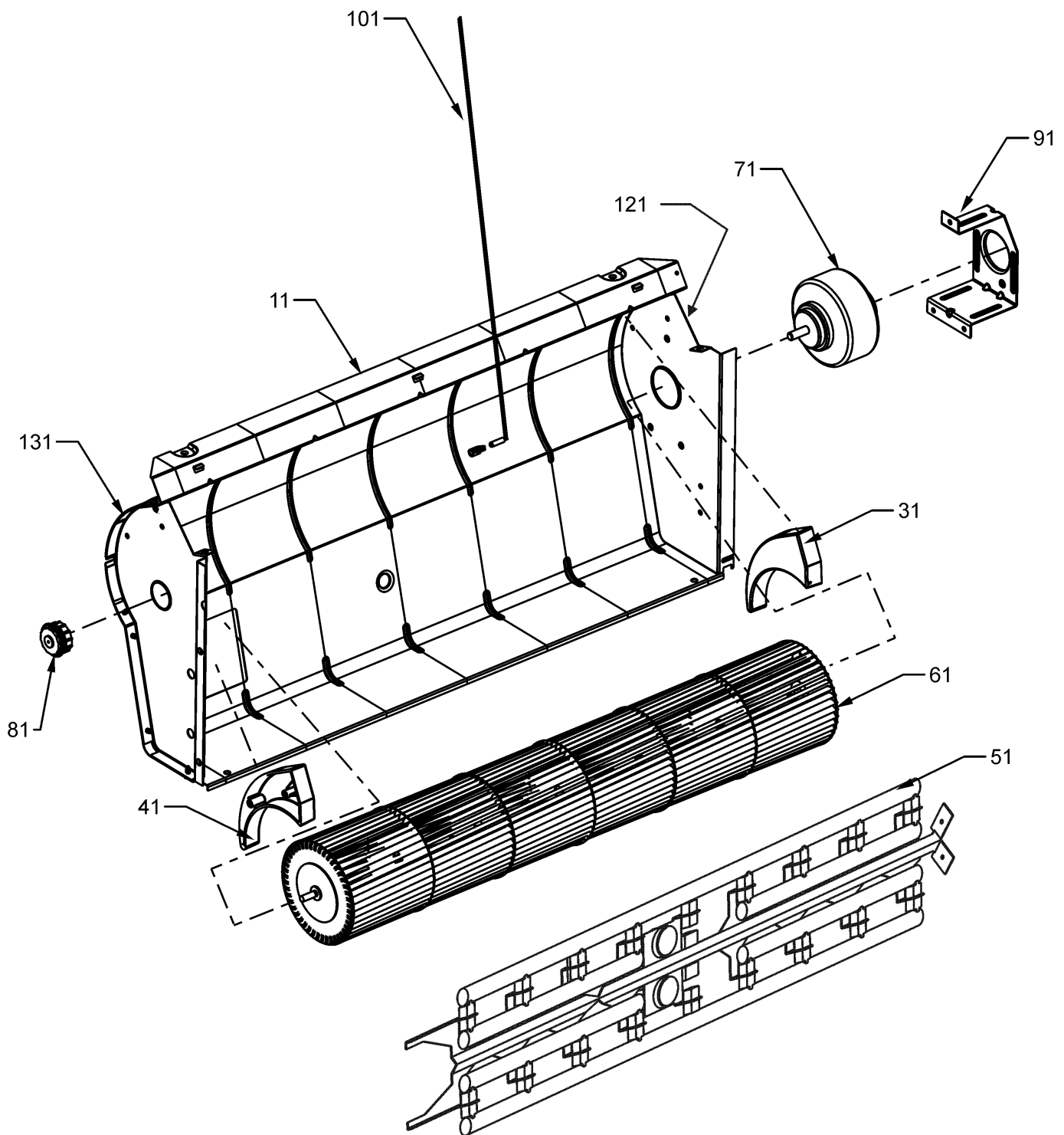
Partition Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121P00175DG		BASEPAN (M2, M3, M4, M6, M7, M8, M10, M11, M12, M13)
11	0121P00175NG		BASEPAN (M1, M5, M9)
21	0161P00044		PLASTIC-DRAIN PAN
61	20403301		MID PARTITION PANEL
71	0121P00063NG		TOP, PARTITION PANEL (M1, M5, M9)
81	0121P00197		SEAL-L SIDE PTC
91	0121P00198		SEAL-R SIDE PTC
101	0121P00071NG		BRACE, TIE (M1, M5, M9)
111	0121P00070DG		COVER, MOTOR
121	0121P00130		COVER-CONTROL PANEL
131	RSKP0015		CONTROL PANEL COVER AND MEMBRANE
141	0161P00016		PLASTIC-HOOD (M1, M2, M3, M4, M5, M6, M7, M8, M9, M12, M13)
151	20410801		ACCESS COVER
161	0121P00061DG		CUTOFF-SCROLL DG
251	0130P00128		CORD, 277V, 20A
NS	0130P00109		MEMBRANE (CONTROL)

Expanded Model Nomenclature

M1 - PTC074G00CHXXBA
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M3 - PTC074G00HXXXBA
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M6 - PTC074G25DXXXBA
M7 - PTC074G25RXXXBA
M8 - PTC074G35AXXXBA
M9 - PTC074G35CXXXBA
M10 - PTC074G35QRXXBA
M11 - PTC074G35QXXXBA
M12 - PTC074G35RXXXBA
M13 - PTC074G35VXXXBA

Evaporator Blower / Heater Assembly



Evaporator Blower / Heater Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
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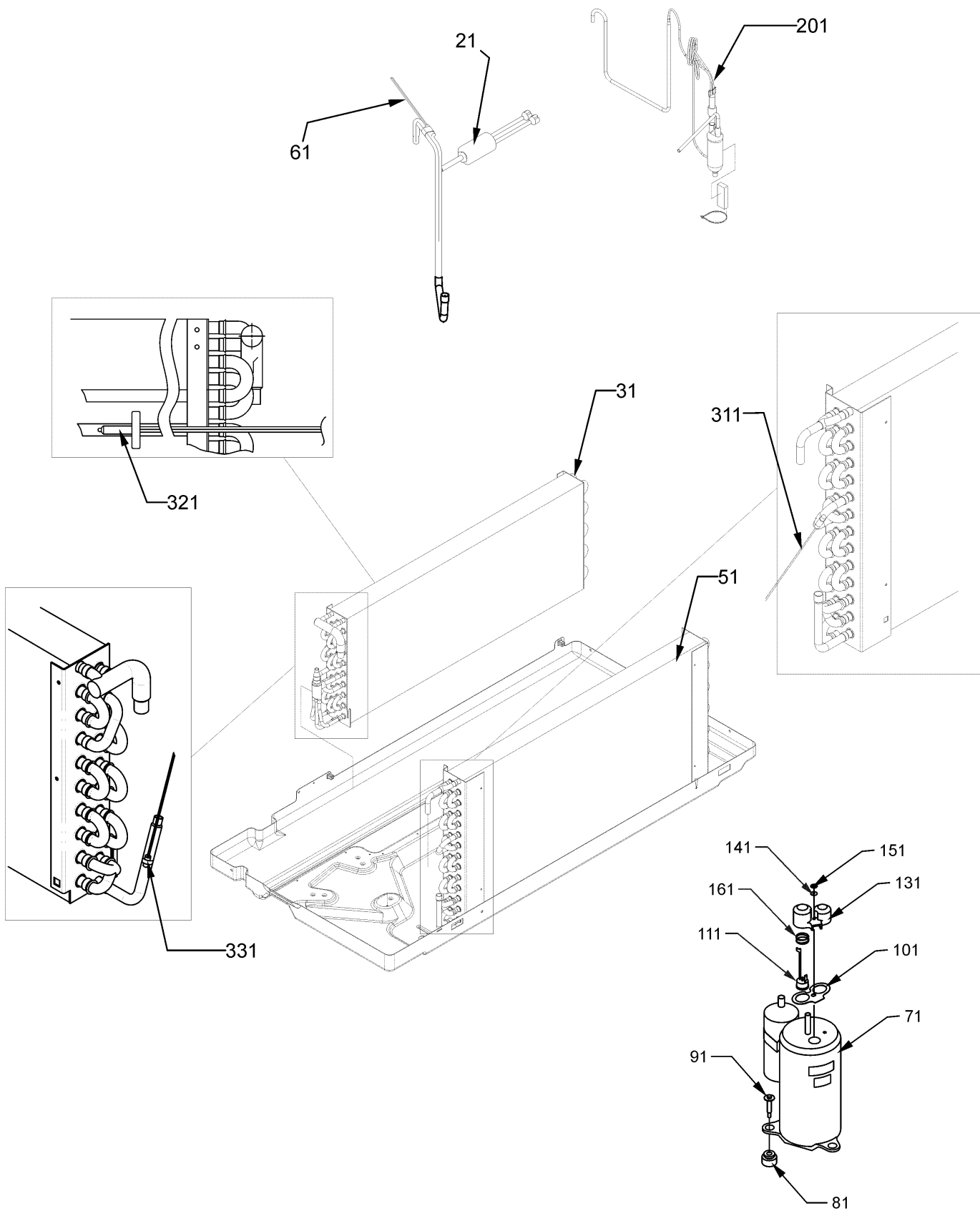
Image 1:

11	0121P00173DG	SCROLL
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00023	HEATER ASSY (M4, M5, M6, M7)
51	0275P00040	HEATER ASSY (M8, M9, M10, M11, M12, M13)
61	0150P00005	WHEEL, BLOWER
71	0131P00056	FAN MOTOR, IN DOOR
81	0163P00027	BEARING
91	0121P00048	BRACKET-MOTOR MOUNT
101	0130P00134	THERMISTOR - DISCHARGE
121	0121P00059DG	ENDPLATE-RH SCROLL, PNT
131	0121P00215DG	ENDPLATE-LH SCROLL, PNT

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 M3 - PTC074G00HXXXBA
 M4 - PTC074G25AXXXBA
 M5 - PTC074G25CXXXBA
 M6 - PTC074G25DXXXBA
 M7 - PTC074G25RXXXBA
 M8 - PTC074G35AXXXBA
 M9 - PTC074G35CXXXBA
 M10 - PTC074G35QRXXBA
 M11 - PTC074G35QXXXBA
 M12 - PTC074G35RXXXBA
 M13 - PTC074G35VXXXBA

Coil / Compressor / Tubing Assembly



Coil / Compressor / Tubing Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
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Image 1:

21	0130M00169	SWITCH, HIGH PRESS
31	0202P00067	EVAP ASSY, 3/8, 2 ROW
51	0201P00137NG	5MM COND ASSY PAINTED (M1, M5, M9)
51	0201P00130	5MM CONDENSER COIL ASSY (M2, M3, M4, M6, M7, M8, M10, M11, M12, M13)
61	0130P00077	THERMISTOR (M2, M7, M10, M12)
71	39A167AD&9DKZ	COMPRESSOR, RECHI
81	60130203	GROMMET - RECHI COMPRESSOR (QTY 3)
91	0163M00079	SHOULDER SCREW (QTY 3)
101	60100103	TERMINAL GASKET
111	60343547	OVERLOAD PROTECTOR
131	60100314	TERMINAL COVER - RECHI COMP
141	60100201	WASHER - RECHI COMPRESSOR
151	60100401	TERMINAL NUT - RECHI COMP
161	60500101	OLP SPRING - RECHI COMPRESSOR
201	0210P00209	CAPILLARY WELD
311	0130P00094	THERMISTOR (M2, M7, M10, M12)
321	0130P00141	THERMISTOR
331	0130P00084	THERMISTOR - INDOOR COIL

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M1 - PTC074G00CHXXBA
 M2 - PTC074G00HRXXBA
 M3 - PTC074G00HXXXBA
 M4 - PTC074G25AXXXBA
 M5 - PTC074G25CXXXBA
 M6 - PTC074G25DXXXBA
 M7 - PTC074G25RXXXBA
 M8 - PTC074G35AXXXBA
 M9 - PTC074G35CXXXBA
 M10 - PTC074G35QRXXBA
 M11 - PTC074G35QXXXBA
 M12 - PTC074G35RXXXBA
 M13 - PTC074G35VXXXBA